

FIG I (STOMACH)
EMPTY

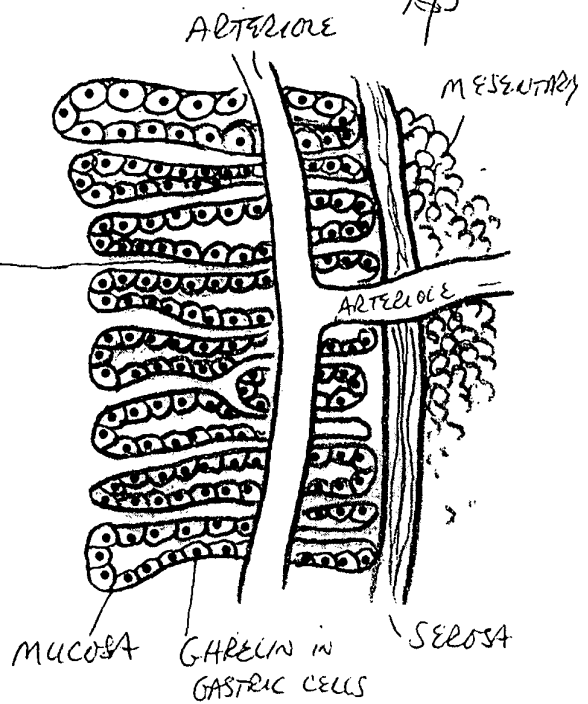


FIG II (STOMACH MUCOSA)

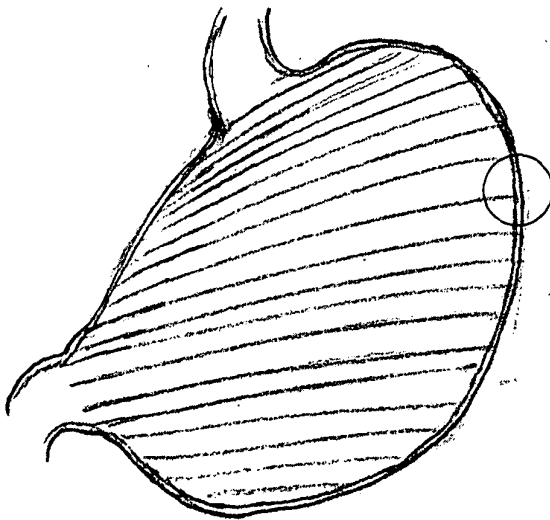


FIG III STOMACH
FULL

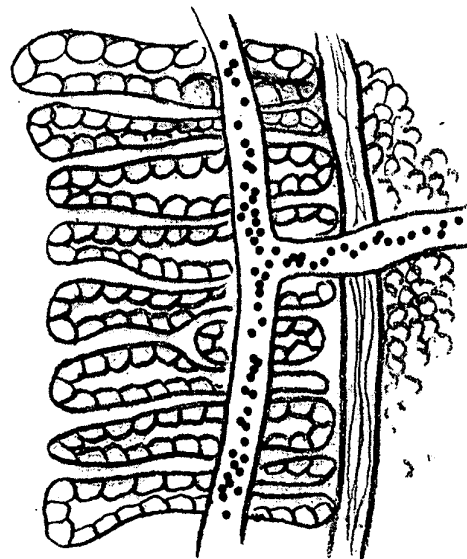


FIG IV
GASTRIC CELLS RELEASED FROM
GASTRIC CELLS INTO BLOOD

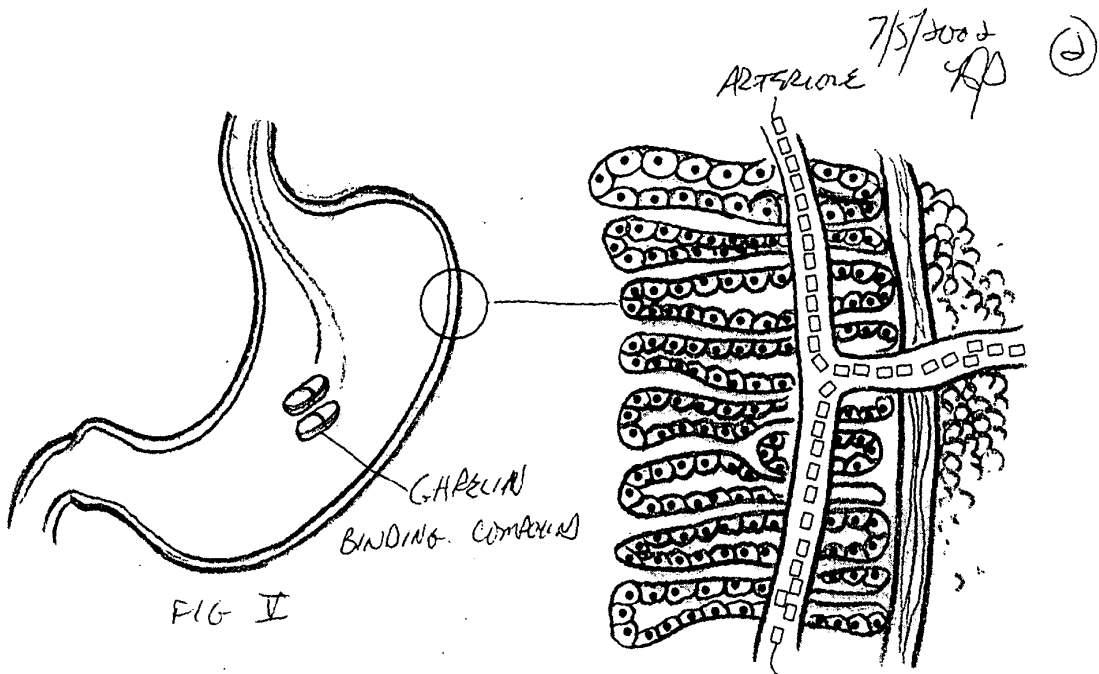
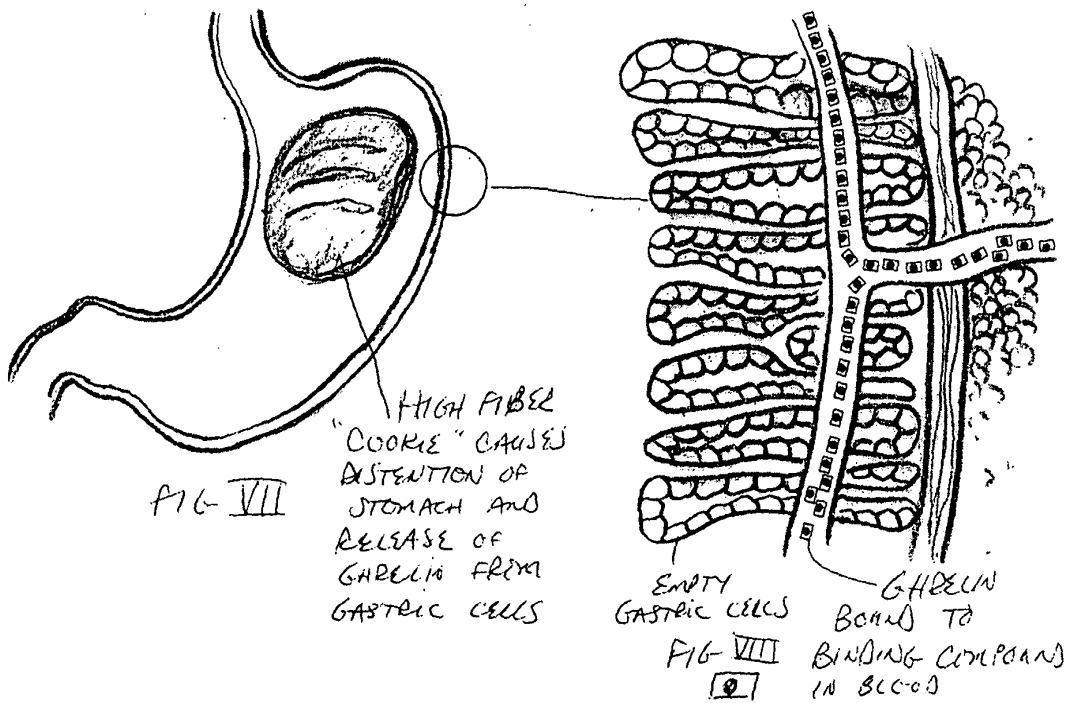


FIG VI
GHRELIN BINDING COMPOUND
ABSORBED BY MUCOSA AND IN
BLOOD □



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AD



— STOMACH
BEFORE LONG TERM
APPETITE SUPPRESSANT
USE

FIG 9



— STOMACH
AFTER SEVERAL
MONTHS OF APPETITE
SUPPRESSANT USE

FIG 10



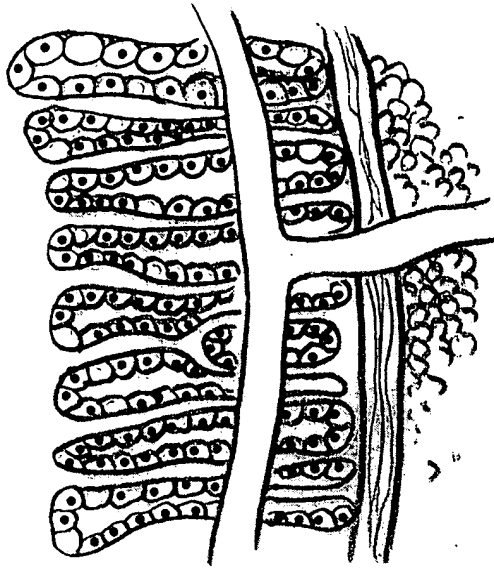
ATROPHIC
FUNDUS

— STOMACH
AFTER 6 SIX MONTHS
OF APPETITE SUPPRESSANT
USE 50-60% DECREASED IN SIZE

PHYSIOLOGIC GASTRIC BYPASS

FIG 11

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STOMACH MUCOSA

BEFORE LONG TERM
APPETITE SUPPRESSANT USE
GARELIN ACLS 95% of
GARELIN GASTRIC CELLS

FIG 12

STOMACH MUCOSA

AFTER THREE MONTHS
USE GARELIN ACLS
80% of GARELIN GASTRIC
CELLS

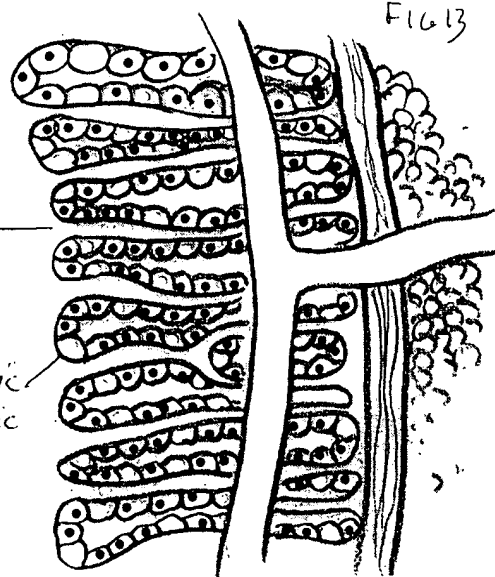
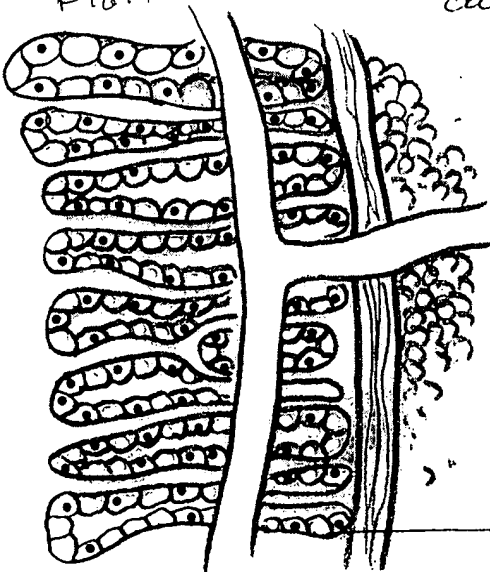


FIG 13

ATROPHIC
GARELIN GASTRIC
CELL

FIG 14



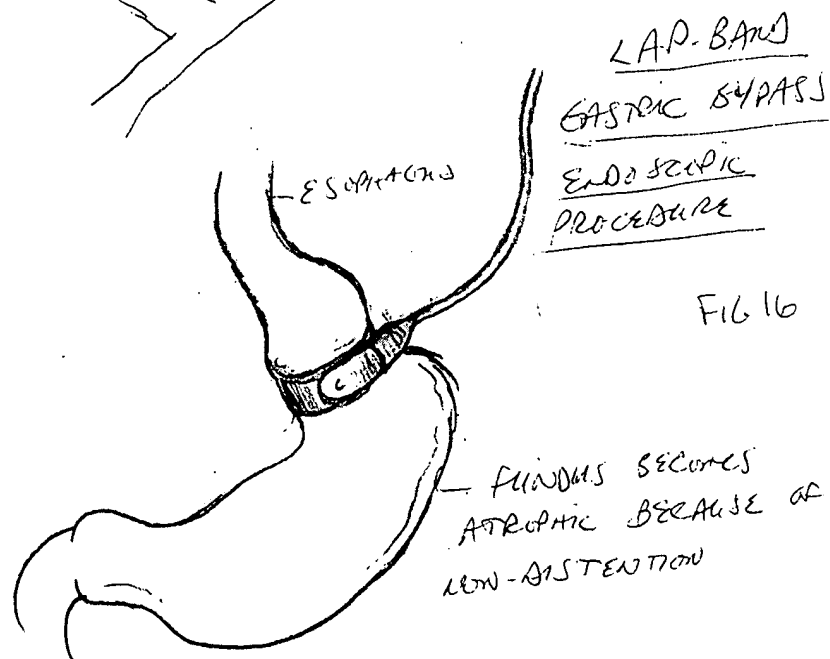
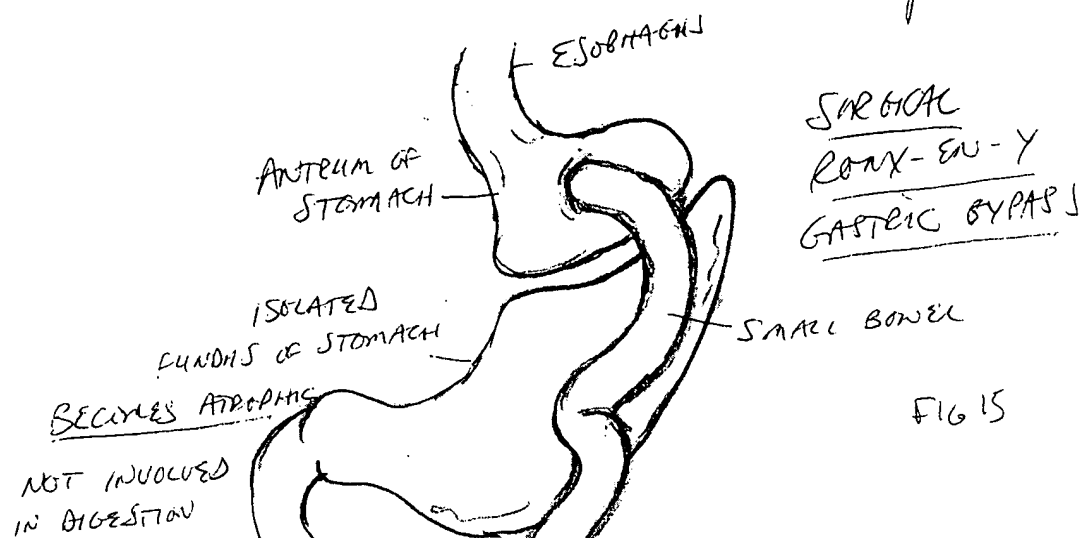
STOMACH MUCOSA

AFTER SIX MONTHS
GARELIN ACLS ONLY
50-60% of GARELIN
GASTRIC CELLS

PATHOLOGIC GASTRIC BYPASS

ATROPHIC GARELIN GASTRIC CELL

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JP (5)



LAP-BAND
GASTRIC BYPASS
ENDOSCOPIC
PROCEDURE